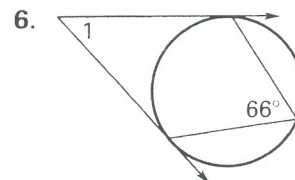
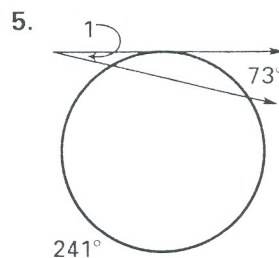
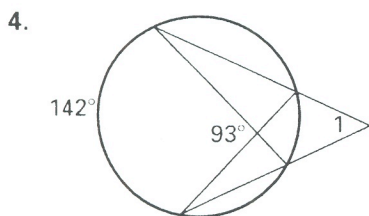
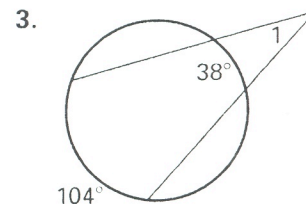
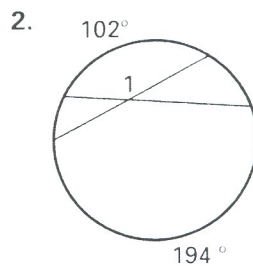
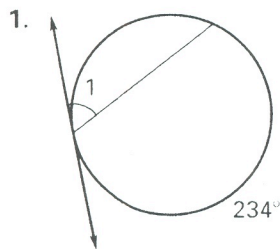


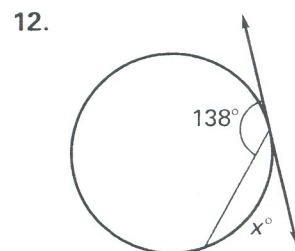
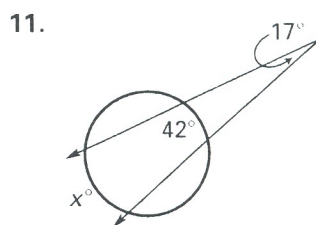
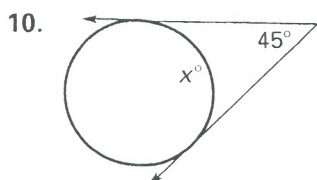
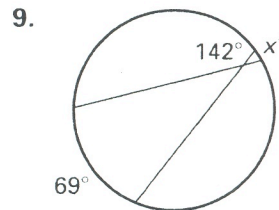
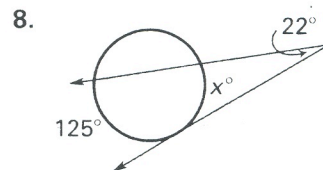
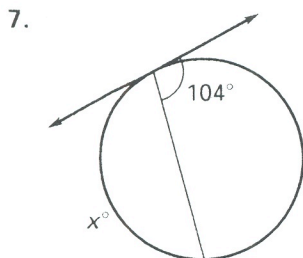
Practice B

For use with pages 621–627

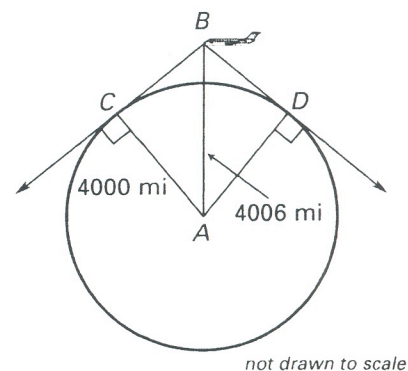
Find the measure of $\angle 1$.



Write an equation that can be used to solve for x . Then solve the equation for x .



13. **Ariel View** You are flying across the plains of Kansas at an altitude of 32,000 feet, or approximately 6 miles. It is a clear day. Find the measure of CD that represents the part of Earth that you can see.

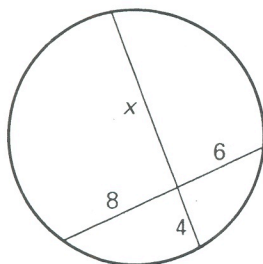


Practice B

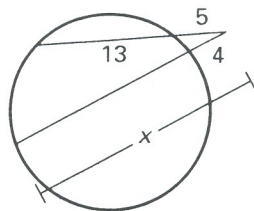
For use with pages 629–635

Fill in the blanks. Then find the value of x .

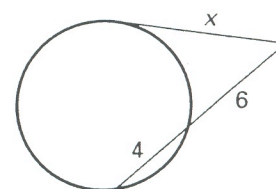
1. $x \cdot \underline{\quad} = 8 \cdot \underline{\quad}$



2. $4 \cdot \underline{\quad} = 5 \cdot \underline{\quad}$

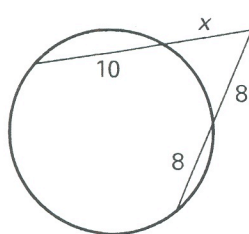


3. $x^2 = 6 \cdot \underline{\quad}$

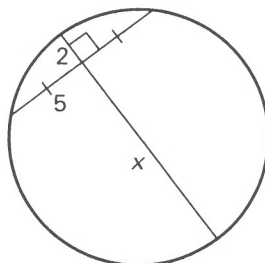


Find the value of x . Round to the nearest tenth, if necessary.

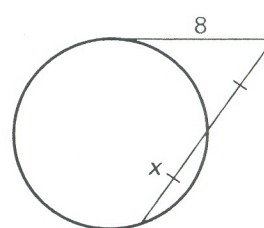
4.



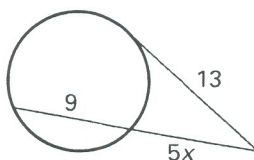
5.



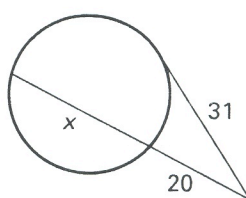
6.



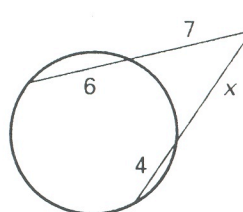
7.



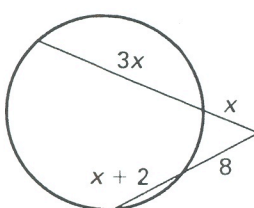
8.



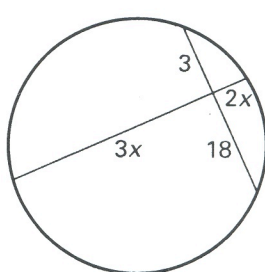
9.



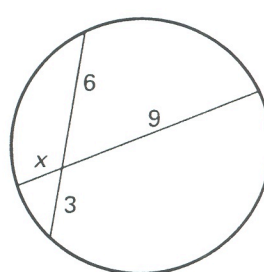
10.



11.



12.



Use the diagram at the right and the given information.

13. **Doorway** An arch over a doorway is 160 centimeters wide and 50 centimeters high. You want to determine the radius of the circle that contains the arch. Follow the steps below.

a. $AB = \underline{\quad}$

b. $AC = \underline{\quad}$, $AD = \underline{\quad}$

c. $EA = \underline{\quad}$

d. $EB = \underline{\quad}$

e. $EO = \underline{\quad}$

